

Signature of Invigilator

# Postgraduate Programs in Disaster Management (PPDM)

# Sample Questions for Admission Test

Admission Test ID: \_\_\_\_\_

Name: \_\_\_

### PLEASE READ THIS SECTION VERY CAREFULLY BEFORE PROCEEDING TO THE TEST

1. This test is for **90 minutes** and consists of three sections and carries **50 marks** as follows:

Section	Marks	Suggested Time		
I. Mathematics	10	20 Minutes		
II. English and Logical Reasoning	25	40 Minutes		
III. Essay	15	30 Minutes		
Total	50	90 Minutes		

- 2. Write your name and Admission Test ID number at the top of this sheet.
- 3. You are advised not to leave any multiple-choice question unanswered as there is no negative marking for wrong answers.
- 4. You may use the blank spaces of the Question set for rough work. Do not use any other paper for this.
- 5. You may use pencil for rough work but final answers must be in ink (ball point or fountain pen).
- 6. You are requested to follow the instructions given below:
  - a) Keep absolute silence during the whole course of examination.
  - b) Do not communicate with other candidates in any manner.
  - c) Do not copy from any source.
  - d) You may not pass papers.
  - e) Do not keep staplers on your desk.

Failure to follow the above instructions may lead to cancellation of your answer <u>script.</u>

#### Good Luck!

#### **Section: Mathematics**

1. Which of the following fractions to the greatest?

(A)  $\frac{403}{134}$ (B)  $\frac{79}{26}$ (C)  $\frac{527}{176}$ (D)  $\frac{221}{73}$ 

- 2. A man travels for 6 hours at a rate of 50 miles per hour. His return trip takes him  $7\frac{1}{2}$  hours. What is average speed for the whole trip?
  - (A) 44.4 mph
    (B) 45 mph
    (C) 46 mph
    (D) 48 mph

#### Section: English and Logical Reasoning

Select one of the four options (A,B,C,D) :

#### At home in the desert

A huge herd of wild horses had recently been spotted in the heart of the desert Namibia. They were (1).....behind by the Cavalry of the German Army (2)..... the South African war and have been there (3)..... since. Jacqueline Ripart, a French Journalist, was intrigued by 4)..... these animals managed to live in the (5)...... heat of the Namibia desert, where only small scrapes of vegetation are to be found amid the (6)......sand dunes.

1	А	lost	В	given	С	left	D	missed
2	А	during	В	while	С	through	D	throughout
3	Α	long	В	every	С	always	D	ever
4	Α	what	В	that	C	how	D	whether
5	Α	burning	В	flaming	С	roasting	D	frying
6	А	nude	В	bare	С	bald	D	undressed

Complete the sentences using the options given below. Select the best option.

• The doctor made me \_\_\_\_\_\_ a full physical examination.

a) takingb) having to takec) to taked) take

- His\_\_\_\_\_\_ for wealth and power drove him to break the law.
  - a) excitement
  - b) initiation
  - c) lust
  - d) potential
- People cannot \_\_\_\_\_\_\_\_ what they do not want to do.
  - a) be made
  - b) be making
  - c) make
  - d) made

#### **Reading Comprehension**

In this section, you will find a number of questions about the passage, each with four suggested answers. You must choose the one you think fits best according to the passage.

### **Natural Disaster**

Tornados usually occur as parts of thunderstorms. For some reasons, an eddy is started which makes a funnel shaped cloud moving toward the east with the larger storm of which it is a part. By centrifugal force the air is propelled outward from the center of the whirl, thus leaving an air of low pressure. Houses sometimes collapse and roofs are carried away because of great difference of pressure inside and outside the tornado. Very bizarre feats are sometimes the results of these tornados. Corks are drawn from the bottles, window panes are exploded outward, straws are driven through boards, babies and even cattle have been carried away as far as a mile. The destruction is terrific, but fortunately the path of a tornado is never very wide, varying from a very few feet to several thousands. The noise they make is so great that everything in the world seems to be part of one great big roar. The lightning in the funnel is so constant that it seems dull red in color at times. Such tornados or cyclones are particular to the United States, and indeed to the open prairie country, such as Kansas which has been nicknamed by cyclone state.

- What helps to somewhat harness the destructiveness of a tornado?
- A. The variations of pressure inside and outside of a tornado.
- B. The narrow width of the course it follows.
- C. The fact that it is the small part of a larger storm.
- D. The funnel shape it has.
- An eddy is most likely.....
- A. a cloud.
- B a whirl.
- C. a field.
- D. low pressure.
- It would seem from the reading that the main cause of destruction is......
- A. the high pressure in the center of the whirl.
- B. that a tornado is a part of a thunderstorm.
- C. the pressure difference.
- D. the lightning in the funnel.

## Section: Essay

Do you think disaster management education at the tertiary level is important? Please write with reference to Bangladesh context.